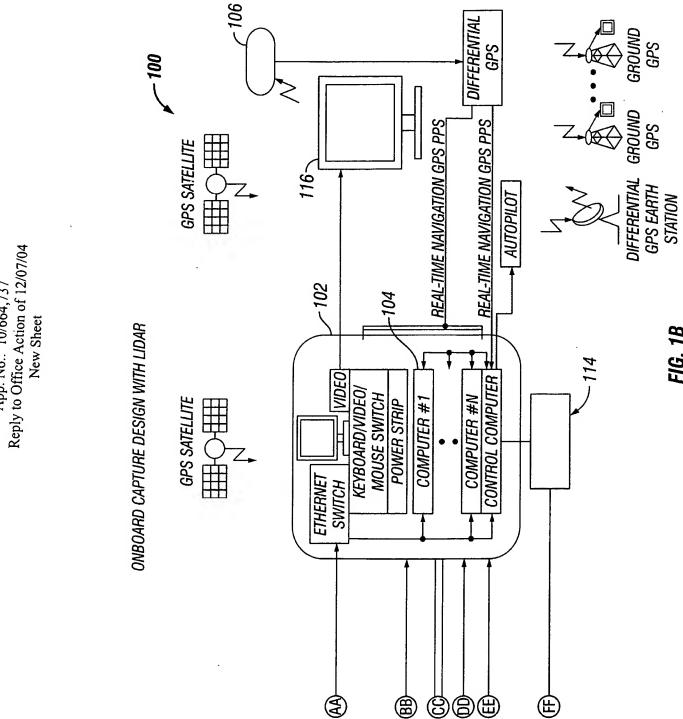


FIG. 1A



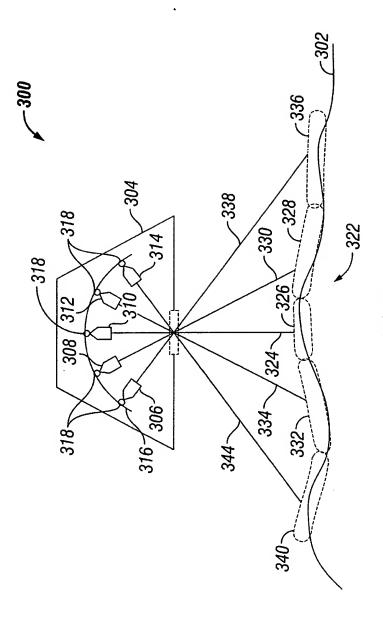
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3/13 REAL-TIME NAVIGATION GPS PPS DIFFERENTIAL DGPS GPS AUTOPILOT GPS SATELLITE VAVIGATION DISPLAY PILOTS DIFFERENTIAL GPS EARTH STATION ONBOARD CAPTURE DESIGN WITH ORTHO/STEREO RETINAL CAMERA ARRAY (ORCA) GPS SATELLITE MAIN COMPUTER CONSOLE CONTROL COMPUTER KEYBOARD/VIDEO/ IMU CONTROLLER COMPUTER #N MOUSE SWITCH COMPUTER #1 NETWORK SWITCH SENSOR POSITIONS INFORMATION SENSOR DATA & CONTROL 11/12 GPS GPS SATELLITE SENSORS OTHER REMOTE **FORWARD** OBLIQUE MOUNT PLATE NADIR OBLIQUE M

FIG. 2

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F1G. 3

Far Right Image	336
Near Right Image	328
NADIR Image	326 400
Near Left Image	332
Far Left Image	<u>340</u>

F16. 4

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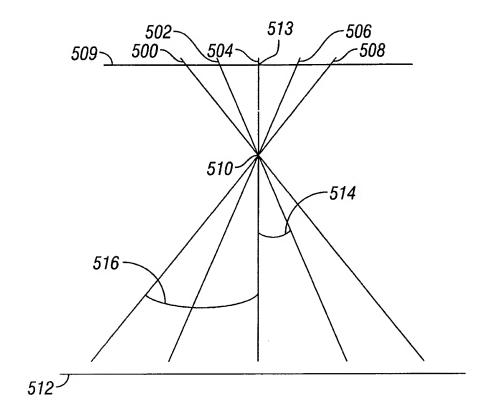


FIG. 5

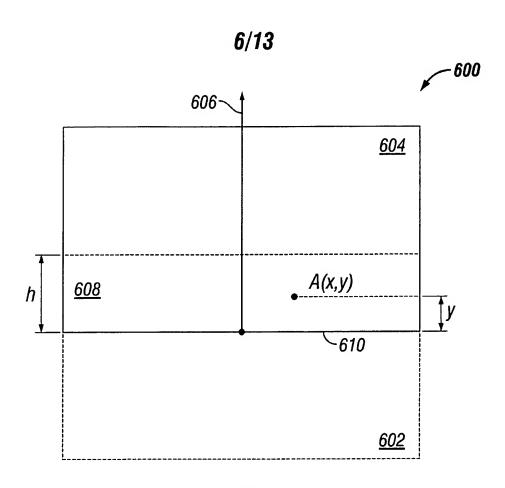


FIG. 6

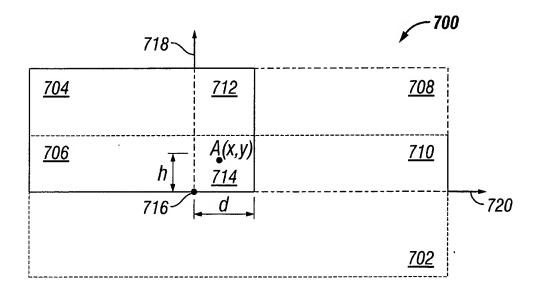


FIG. 7

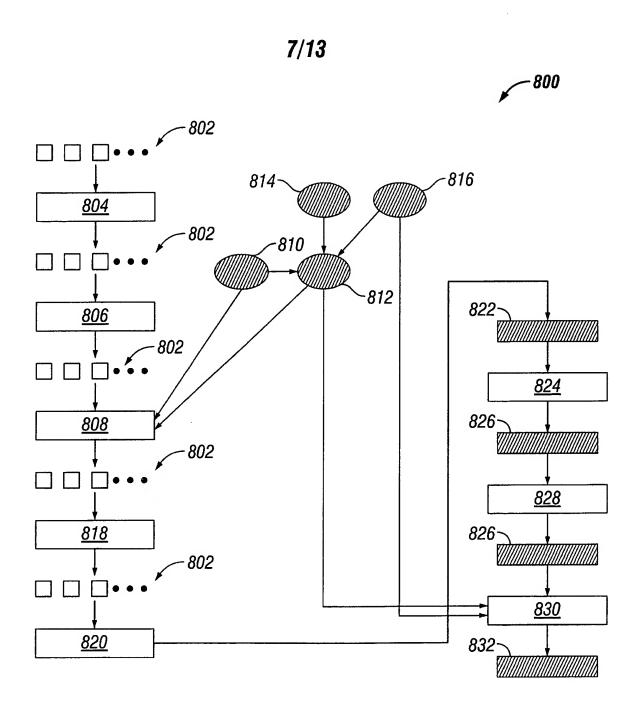


FIG. 8

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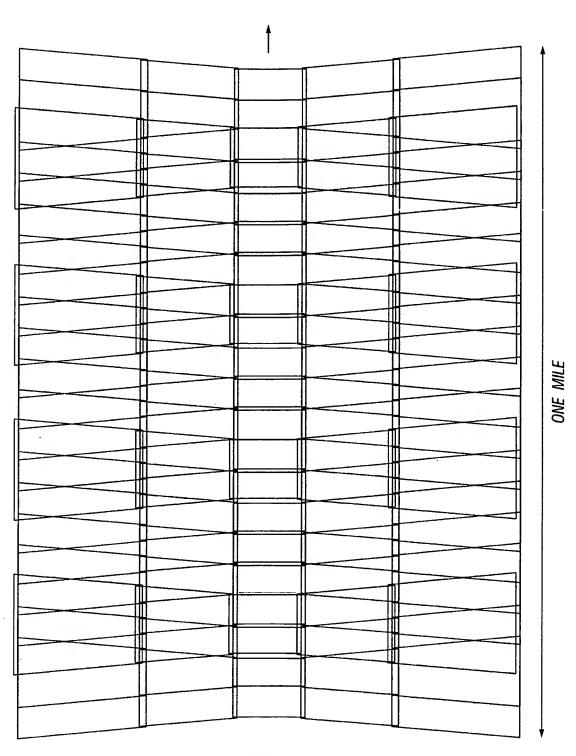
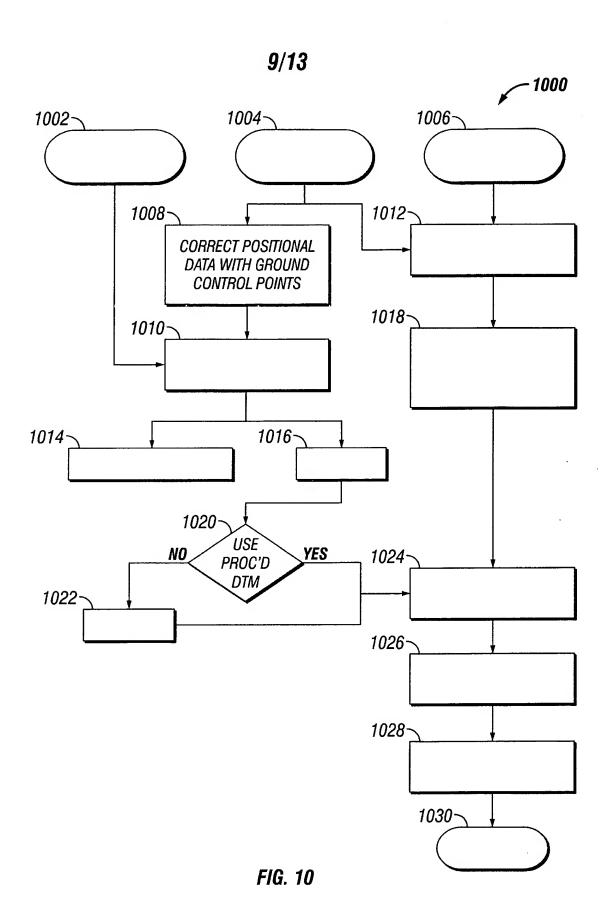


FIG. 9



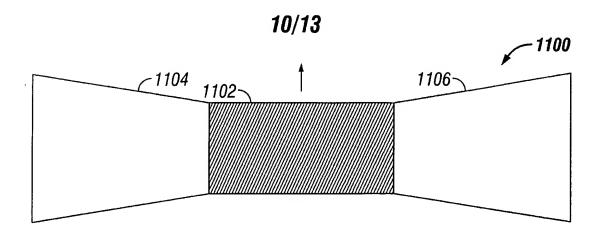


FIG. 11

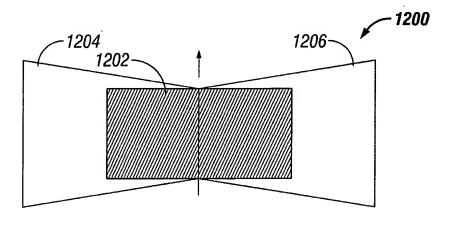


FIG. 12

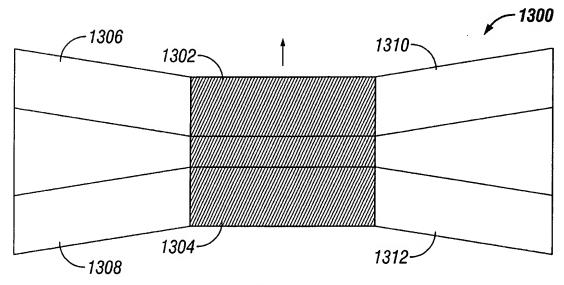


FIG. 13

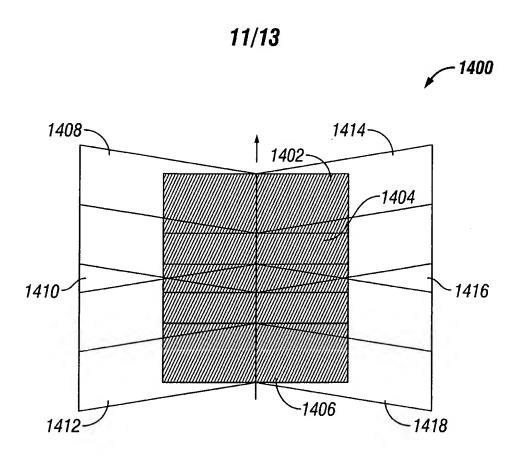


FIG. 14

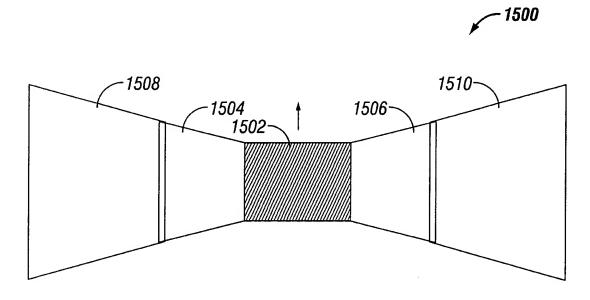


FIG. 15

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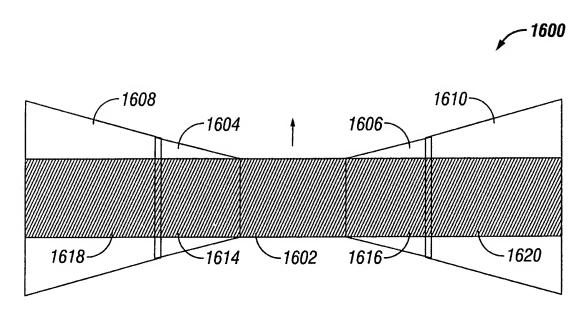


FIG. 16

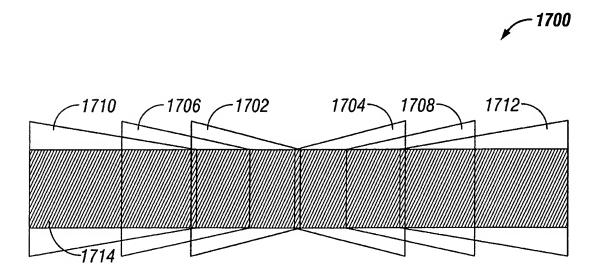


FIG. 17

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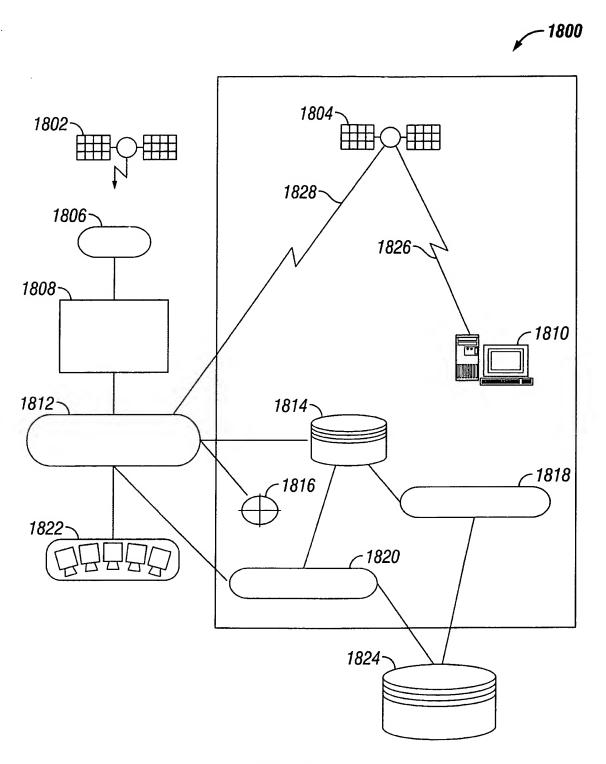


FIG. 18